

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 09/605,266A  
Source: 1FW/b  
Date Processed by STIC: 12/30/05

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 12/30/2005

PATENT APPLICATION: US/09/605,266A

TIME: 09:34:00

Input Set : A:\Serial No. 09605266 Seq Listing SBI-066.ST25.txt

Output Set: N:\CRF4\12302005\I605266A.raw

3 <110> APPLICANT: Akella, Rama  
 4     Ranieri, John  
 6 <120> TITLE OF INVENTION: Protein Mixtures for Wound Healing  
 8 <130> FILE REFERENCE: SBI-066, 2103.013400  
 10 <140> CURRENT APPLICATION NUMBER: 09/605,266A  
 11 <141> CURRENT FILING DATE: 2000-06-28  
 13 <160> NUMBER OF SEQ ID NOS: 33  
 15 <170> SOFTWARE: PatentIn version 3.3  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 11  
 19 <212> TYPE: PRT  
 20 <213> ORGANISM: Bos indicus  
 23 <220> FEATURE:  
 24 <221> NAME/KEY: misc\_feature  
 25 <222> LOCATION: (1)..(1)  
 26 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 28 <400> SEQUENCE: 1  
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 31 1           5                   10  
 34 <210> SEQ ID NO: 2  
 35 <211> LENGTH: 11  
 36 <212> TYPE: PRT  
 37 <213> ORGANISM: Bos indicus  
 39 <400> SEQUENCE: 2  
 41 Ser Leu Glu Lys Val Cys Ala Asp Leu Ile Arg  
 42 1           5                   10  
 45 <210> SEQ ID NO: 3  
 46 <211> LENGTH: 13  
 47 <212> TYPE: PRT  
 48 <213> ORGANISM: Bos indicus  
 50 <400> SEQUENCE: 3  
 52 Val Cys Gly Met Leu Gly Phe Pro Ser Glu Ala Pro Val  
 53 1           5                   10  
 56 <210> SEQ ID NO: 4  
 57 <211> LENGTH: 15  
 58 <212> TYPE: PRT  
 59 <213> ORGANISM: Bos indicus  
 61 <400> SEQUENCE: 4  
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 64 1           5                   10                   15  
 67 <210> SEQ ID NO: 5  
 68 <211> LENGTH: 20  
 69 <212> TYPE: PRT

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70 <213> ORGANISM: Bos indicus
72 <400> SEQUENCE: 5
74 Ser Thr Gly Val Leu Leu Pro Leu Gln Asn Asn Glu Leu Pro Gly Ala
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78 Glu Tyr Gln Tyr
79          20
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 9
84 <212> TYPE: PRT
85 <213> ORGANISM: Bos indicus
87 <400> SEQUENCE: 6
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90 1          5
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 7
95 <212> TYPE: PRT
96 <213> ORGANISM: Bos indicus
99 <220> FEATURE:
100 <221> NAME/KEY: misc_feature
101 <222> LOCATION: (6)..(6)
102 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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107 1          5
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111 <211> LENGTH: 4
112 <212> TYPE: PRT
113 <213> ORGANISM: Bos indicus
115 <400> SEQUENCE: 8
117 Val Tyr Ala Phe
118 1
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122 <211> LENGTH: 12
123 <212> TYPE: PRT
124 <213> ORGANISM: Bos indicus
126 <400> SEQUENCE: 9
128 His Ala Gly Lys Tyr Ser Arg Glu Lys Asn Thr Ala
129 1          5          10
132 <210> SEQ ID NO: 10
133 <211> LENGTH: 9
134 <212> TYPE: PRT
135 <213> ORGANISM: Bos indicus
137 <400> SEQUENCE: 10
139 Ser Gln Thr Leu Gln Phe Asp Glu Gln
140 1          5
143 <210> SEQ ID NO: 11
144 <211> LENGTH: 8
145 <212> TYPE: PRT
146 <213> ORGANISM: Bos indicus

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148 <400> SEQUENCE: 11
150 Ser Leu Lys Pro Ser Asn His Ala
151 1 5
154 <210> SEQ ID NO: 12
155 <211> LENGTH: 7
156 <212> TYPE: PRT
157 <213> ORGANISM: Bos indicus
159 <400> SEQUENCE: 12
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162 1 5
165 <210> SEQ ID NO: 13
166 <211> LENGTH: 14
167 <212> TYPE: PRT
168 <213> ORGANISM: Bos indicus
171 <220> FEATURE:
172 <221> NAME/KEY: misc_feature
173 <222> LOCATION: (1)..(1)
174 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
176 <220> FEATURE:
177 <221> NAME/KEY: misc_feature
178 <222> LOCATION: (9)..(9)
179 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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184 1 5 10
187 <210> SEQ ID NO: 14
188 <211> LENGTH: 10
189 <212> TYPE: PRT
190 <213> ORGANISM: Bos indicus
192 <400> SEQUENCE: 14
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195 1 5 10
198 <210> SEQ ID NO: 15
199 <211> LENGTH: 6
200 <212> TYPE: PRT
201 <213> ORGANISM: Bos indicus
204 <220> FEATURE:
205 <221> NAME/KEY: misc_feature
206 <222> LOCATION: (5)..(5)
207 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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212 1 5
215 <210> SEQ ID NO: 16
216 <211> LENGTH: 13
217 <212> TYPE: PRT
218 <213> ORGANISM: Bos indicus
220 <400> SEQUENCE: 16
222 Val Leu Ala Thr Val Thr Lys Pro Val Gly Gly Asp Lys

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Input Set : A:\Serial No. 09605266 Seq Listing SBI-066.ST25.txt

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223 1          5          10
226 <210> SEQ ID NO: 17
227 <211> LENGTH: 5
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229 <213> ORGANISM: Bos indicus
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233 <221> NAME/KEY: misc_feature
234 <222> LOCATION: (1)..(1)
235 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
237 <400> SEQUENCE: 17
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240 1          5
243 <210> SEQ ID NO: 18
244 <211> LENGTH: 10
245 <212> TYPE: PRT
246 <213> ORGANISM: Bos indicus
248 <400> SEQUENCE: 18
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251 1          5          10
254 <210> SEQ ID NO: 19
255 <211> LENGTH: 9
256 <212> TYPE: PRT
257 <213> ORGANISM: Bos indicus
259 <400> SEQUENCE: 19
261 Ala Leu Asp Ala Ala Tyr Cys Phe Arg
262 1          5
265 <210> SEQ ID NO: 20
266 <211> LENGTH: 14
267 <212> TYPE: PRT
268 <213> ORGANISM: Bos indicus
270 <400> SEQUENCE: 20
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273 1          5          10
276 <210> SEQ ID NO: 21
277 <211> LENGTH: 9
278 <212> TYPE: PRT
279 <213> ORGANISM: Bos indicus
281 <400> SEQUENCE: 21
283 Val Asn Ser Gln Ser Leu Ser Pro Tyr
284 1          5
287 <210> SEQ ID NO: 22
288 <211> LENGTH: 7
289 <212> TYPE: PRT
290 <213> ORGANISM: Bos indicus
292 <400> SEQUENCE: 22
294 Lys Ala Ala Lys Pro Ser Val
295 1          5
298 <210> SEQ ID NO: 23
299 <211> LENGTH: 8

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Input Set : A:\Serial No. 09605266 Seq Listing SBI-066.ST25.txt

Output Set: N:\CRF4\12302005\I605266A.raw

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300 <212> TYPE: PRT
301 <213> ORGANISM: Bos indicus
304 <220> FEATURE:
305 <221> NAME/KEY: misc_feature
306 <222> LOCATION: (7)..(7)
307 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
309 <400> SEQUENCE: 23
W--> 311 Ser Gln Thr Leu Gln Phe Xaa Glu
312 1 5
315 <210> SEQ ID NO: 24
316 <211> LENGTH: 15
317 <212> TYPE: PRT
318 <213> ORGANISM: Bos indicus
321 <220> FEATURE:
322 <221> NAME/KEY: misc_feature
323 <222> LOCATION: (1)..(1)
324 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
326 <220> FEATURE:
327 <221> NAME/KEY: misc_feature
328 <222> LOCATION: (10)..(10)
329 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
331 <400> SEQUENCE: 24
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334 1 5 10 15
337 <210> SEQ ID NO: 25
338 <211> LENGTH: 14
339 <212> TYPE: PRT
340 <213> ORGANISM: Bos indicus
342 <400> SEQUENCE: 25
344 Val Val Cys Gly Met Leu Gly Phe Pro Ser Glu Ala Pro Val
345 1 5 10
348 <210> SEQ ID NO: 26
349 <211> LENGTH: 13
350 <212> TYPE: PRT
351 <213> ORGANISM: Bos indicus
353 <400> SEQUENCE: 26
355 His Ala Gly Lys Tyr Ser Arg Glu Lys Asn Thr Ala Pro
356 1 5 10
359 <210> SEQ ID NO: 27
360 <211> LENGTH: 13
361 <212> TYPE: PRT
362 <213> ORGANISM: Bos indicus
364 <400> SEQUENCE: 27
366 His Ala Gly Lys Tyr Ser Arg Glu Lys Asn Thr Pro Ala
367 1 5 10
370 <210> SEQ ID NO: 28
371 <211> LENGTH: 14
372 <212> TYPE: PRT
373 <213> ORGANISM: Bos indicus

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/605,266A

DATE: 12/30/2005  
TIME: 09:34:01

Input Set : A:\Serial No. 09605266 Seq Listing SBI-066.ST25.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1 ✓  
Seq#:7; Xaa Pos. 6 ✓  
Seq#:13; Xaa Pos. 1,9 ✓  
Seq#:15; Xaa Pos. 5 ✓  
Seq#:17; Xaa Pos. 1 ✓  
Seq#:23; Xaa Pos. 7 ✓  
Seq#:24; Xaa Pos. 1,10 ✓  
Seq#:32; Xaa Pos. 1,10 ✓

## VERIFICATION SUMMARY

DATE: 12/30/2005

PATENT APPLICATION: US/09/605,266A

TIME: 09:34:01

Input Set : A:\Serial No. 09605266 Seq Listing SBI-066.ST25.txt

Output Set: N:\CRF4\12302005\I605266A.raw

L:30 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
L:311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
L:432 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0